

Raw Sequence Listing before editing (for reference only)



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/531,805

DATE: 06/05/2006
TIME: 08:51:55

Input Set : A:\10531805.ST25.txt
Output Set: N:\CRF4\06052006\J531805.raw

3 <110> APPLICANT: Michaels, Frank
 5 <120> TITLE OF INVENTION: TRANSMUCOSAL ADMINISTRATION OF AGGREGATED ANTIGENS
 7 <130> FILE REFERENCE: 59046.000039
 9 <140> CURRENT APPLICATION NUMBER: 10/531,805
 10 <141> CURRENT FILING DATE: 2005-04-18
 12 <150> PRIOR APPLICATION NUMBER: PCT/US03/33178
 13 <151> PRIOR FILING DATE: 2003-10-17
 15 <150> PRIOR APPLICATION NUMBER: 06/419,279
 16 <151> PRIOR FILING DATE: 2002-10-17
 18 <160> NUMBER OF SEQ ID NOS: 3
 20 <170> SOFTWARE: PatentIn version 3.3
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 669
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
 27 <400> SEQUENCE: 1
 28 taggcataaaa ttggctcgcc caccaggcacc atgcaacttt ttcacacctg cctaaatcatc 60
 30 tcttgcattt gtcctactgt tcaaggctcc aagctgtgcc ttgggtggct ttggggcatg 120
 32 gacatcgacc cttataaaaga atttggagct actgtggagt tactctcggtt tttgccttct 180
 34 gacttctttc cttcagtagc agatcttcta gataccgcct cagctctgtt tcgggaagcc 240
 36 ttagagtctc ctgagcattt ttcacacctcac catactgcac tcaggcaagc aattctttgc 300
 38 tggggggAAC taatgactct agtacacctt gtgggttta atttggaaaga tccagcgtct 360
 40 agagaccttag tagtcagttt tgtcaacact aatatggcc taaagtttag gcaactcttg 420
 42 tggtttcaca tttcttgtt cacttttggaa agagaaacag ttatagagata tttgtgtct 480
 44 ttccggagtgt ggatttcgcac tcctccagct tatagaccac caaatgcccc tatcttatca 540
 46 acacttccgg agactactgt tgtagacga cgaggcaggc cccctagaag aagaactccc 600
 48 tcgcctcgca gacgaaggc tcaatcgccg cgtcgcagaa gatctcaatc tcggaaatct 660
 50 caatgttag 669
 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 219
 55 <212> TYPE: PRT
 56 <213> ORGANISM: Homo sapiens
 58 <400> SEQUENCE: 2
 60 Ile Gly Leu Arg Thr Ser Thr Met Gln Leu Phe His Leu Cys Leu Ile
 61 1 5 10 15
 64 Ile Ser Cys Ser Cys Pro Thr Val Gln Ala Ser Lys Leu Cys Leu Gly
 65 20 25 30
 68 Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe Gly Ala Thr
 69 35 40 45
 72 Val Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Val Arg
 73 50 55 60
 76 Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu Glu Ser
 77 65 70 75 80

*Does Not Comply
Corrected Diskette Needed*

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Input Set : A:\10531805.ST25.txt
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80 Pro Glu His Cys Ser Pro His His Thr Ala Leu Arg Gln Ala Ile Leu
 81 85 90 95
 84 Cys Trp Gly Glu Leu Met Thr Leu Ala Thr Trp Val Gly Val Asn Leu
 85 100 105 110
 88 Glu Asp Pro Ala Ser Arg Asp Leu Val Val Ser Tyr Val Asn Thr Asn
 89 115 120 125
 92 Met Gly Leu Lys Phe Arg Gln Leu Leu Trp Phe His Ile Ser Cys Leu
 93 130 135 140
 96 Thr Phe Gly Arg Glu Thr Val Ile Glu Tyr Leu Val Ser Phe Gly Val
 97 145 150 155 160
 100 Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu
 101 165 170 175
 104 Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg Arg Gly Arg Ser Pro
 105 180 185 190
 108 Arg Arg Arg Thr Pro Ser Pro Arg Arg Arg Arg Ser Gln Ser Pro Arg
 109 195 200 205
 112 Arg Arg Arg Ser Gln Ser Arg Glu Ser Gln Cys
 113 210 215
 116 <210> SEQ ID NO: 3
 117 <211> LENGTH: 168
 118 <212> TYPE: PRT
 119 <213> ORGANISM: Artificial
 121 <220> FEATURE:
 122 <223> OTHER INFORMATION: HBcAG
 124 <400> SEQUENCE: 3
 126 Met Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp Gly Met Asp Ile
 127 1 5 10 15
 130 Asp Pro Tyr Lys Glu Phe Gly Ala Thr Val Glu Leu Leu Ser Phe Leu
 131 20 25 30
 134 Pro Ser Asp Phe Phe Pro Ser Val Arg Asp Leu Leu Asp Thr Ala Ser
 135 35 40 45
 138 Ala Leu Tyr Arg Glu Ala Leu Glu Ser Pro Glu Cys His Ser Pro His
 139 50 55 60
 142 His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu Met Thr
 143 65 70 75 80
 146 Leu Ala Thr Trp Val Gly Val Asn Leu Glu Asp Pro Ala Ser Arg Asp
 147 85 90 95
 150 Leu Val Val Ser Tyr Val Asn Thr Asn Met Gly Leu Lys Phe Arg Gln
 151 100 105 110
 154 Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg Glu Thr Val
 155 115 120 125
 158 Ile Glu Tyr Leu Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala
 159 130 135 140
 162 Tyr Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr
 163 145 150 155 160
 166 Leu Glu His His His His His
 167 165

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/05/2006
PATENT APPLICATION: US/10/531,805 TIME: 08:51:57

Input Set : A:\10531805.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3

VERIFICATION SUMMARY

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